

What Is Claimed Is:

1. A composite storage apparatus comprising:
a storage device which has a first interface; and
5 a card substrate having the first and second interfaces,
wherein said card board further comprises:
an interface conversion circuit for converting said
second interface into said first interface;
a connector which is connected to said interface
10 conversion circuit; and
a memory card device which is connected to said
interface conversion circuit.

2. The composite storage apparatus according to Claim
15 1, wherein said memory card device comprises:
a connector of a memory card; and
a memory card control circuit which is connected to
said connector and controls at least one of read and write
of said memory card.

20 3. The composite storage apparatus according to Claim
2, wherein the connector of said memory card comprises a
plurality of connectors which support different types of
memory cards, and
25 said memory card control circuit comprises a memory
card control circuit for controlling at least one of read
and write of said respective different types of memory cards.

4. The composite storage apparatus according to Claim
1, further comprising a cable for connecting the connector
of said card board and the connector of said storage device
5 in the case of an external connection with said second
interface.

5. The composite storage apparatus according to Claim
1, further comprising a cable for connecting the connector
10 of said card board and the connector of said storage device
in the case of an external connection with said first
interface.

6. The composite storage apparatus according to Claim
15 2, further comprising setup means for setting the
master/slave between said memory card and said storage
device and disposed in said card board.

7. The composite storage apparatus according to Claim
20 1, wherein said card board mounts said memory card device
and said interface conversion circuit on the single side
thereof.

8. The composite storage apparatus according to Claim
25 1, wherein said storage device is comprised of a disk drive.

9. The composite storage apparatus according to Claim

8, wherein said storage device is comprised of a removable disk drive.

10. The composite storage apparatus according to Claim 5 8, wherein said disk drive comprises:

a disk drive mechanism; and

a drive board on which a circuit for controlling said disk drive mechanism is mounted.

10 11. The composite storage apparatus according to Claim 1, wherein said first interface is a parallel interface, and said second interface is a serial interface.

12. The composite storage apparatus according to Claim 10 15 10, wherein said first interface is an ATA/ATAPI interface, and said second interface is a USB interface.

13. A card board having first and second interfaces, comprising:
20 an interface conversion circuit for converting said second interface into said first interface;
a connector which is connected to said interface conversion circuit, for connecting with the outside using said first interface; and
25 a memory card device which is connected to said interface conversion circuit and said connector.

14. The card board according to Claim 13, wherein said memory card device further comprises:

a connector of a memory card; and

a memory card control circuit which is connected to
5 said connector and controls at least one of read and write
of said memory card.

15. The card board according to Claim 14, wherein the
connector of said memory card comprises a plurality of
10 connectors which support different types of memory cards,
and said memory card control circuit is a control circuit
for controlling at least one of read and write of said
respective different types of memory cards.

16. The card board according to Claim 13, wherein the
15 connector of said card board and a connector of a storage
device are connected with a cable in the case of an external
connection with said second interface.

20 17. The card board according to Claim 13, wherein said
external equipment and the connector of said card board are
connected with a cable in the case of an external connection
with said first interface.

25 18. The card board according to Claim 14, further
comprising setup means for setting the master/slave between
said memory card and said external storage device.

19. The card board according to Claim 13, wherein said card board mounts said memory card device and said interface conversion circuit on a single face thereof.

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20. The card board according to Claim 13, wherein said first interface is a parallel interface, and said second interface is a serial interface.

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21. The card board according to Claim 20, wherein said first interface is an ATA/ATAPI interface, and said second interface is a USB interface.

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22. The card board according to Claim 13, wherein the connector of said card board and a connector of a removable storage device are connected with a cable in the case of an external connection with said second interface.